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Substitute for form 1449A/B/PTO				<i>Complete If Known</i>	
				Application Number	NOT YET ASSIGNED 511527
				Filing Date	March 9, 2005
				First Named Inventor	Michael J. Evans
				Art Unit	N/A 2823
				Examiner Name	Not Yet Assigned Coleman
Sheet	1	of	1	Attorney Docket Number	M0025.0322/P322

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number: Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/WC/	AA	4,863,877	09-1989	Fan et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/WC/		WO 01/86699-A2	11-2001	Board of Trustees of the Leeland Stanford Junior University	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
/WC/	CA	Coutaz et al., "Be-doped low-temperature grown GaAs for ultrafast optoelectronic devices and applications," <i>Semiconducting and Insulating Materials Conference 2000</i> , pp. 89 to 96 (2000).			
/WC/	CB	Lin & Pan, "Near-Bandgap Ultrafast Optical Responses of Furnace Annealed Arsenic-ion Implanted GaAs," <i>Lasers and Electro-optics Soc. Annual Meeting, Conf. Proceedings IEEE</i> , Vol. 2, pp. 531-32 (Nov. 10-13, 1997).			
/WC/	CC	Tan et al., "Ion -Implanted GaAs for subpicosecond applications," <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , Vol. 2, No. 3, pp. 636-642 (Sept. 1996).			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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